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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/772,090

DATE: 09/17/2004

TIME: 11:43:10

Input Set : N:\Crif3\RULE60\10772090.raw

Output Set: N:\CRF4\09172004\J772090.raw

1 <110> APPLICANT: Baron, M.
 2 Farrington, S.
 3 Belaussoff, M.
 4 <120> TITLE OF INVENTION: METHODS FOR MODULATING HEMATOPOIESIS AND VASCULAR
 5 GROWTH
 6 <130> FILE REFERENCE: HUIP-P01-060
 7 <140> CURRENT APPLICATION NUMBER: US/10/772,090
 8 <141> CURRENT FILING DATE: 2004-02-03
 9 <150> PRIOR APPLICATION NUMBER: US/09/021,660
 10 <151> PRIOR FILING DATE: 2001-08-27
 11 <150> PRIOR APPLICATION NUMBER: 60/037,513
 12 <151> PRIOR FILING DATE: 1997-02-10
 13 <150> PRIOR APPLICATION NUMBER: 60/049,763
 14 <151> PRIOR FILING DATE: 1997-06-16
 15 <160> NUMBER OF SEQ ID NOS: 42
 16 <170> SOFTWARE: PatentIn Ver. 2.1
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 19
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Artificial Sequence
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 24 <400> SEQUENCE: 1
 25 atggatccag cacacatta
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 17
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 33 <400> SEQUENCE: 2
 34 tcgccattca ggctgcg
 36 <210> SEQ ID NO: 3
 37 <211> LENGTH: 20
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Artificial Sequence
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 42 <400> SEQUENCE: 3
 43 cagcactagg cctactacag
 45 <210> SEQ ID NO: 4
 46 <211> LENGTH: 20
 47 <212> TYPE: DNA

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48 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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54 <210> SEQ ID NO: 5
55 <211> LENGTH: 20
56 <212> TYPE: DNA
57 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
60 <400> SEQUENCE: 5
61     tgctgcctgt gagtcataac                                20
63 <210> SEQ ID NO: 6
64 <211> LENGTH: 20
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
69 <400> SEQUENCE: 6
70     ctactctaag gcaacaagcc                                20
72 <210> SEQ ID NO: 7
73 <211> LENGTH: 20
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
78 <400> SEQUENCE: 7
79     aggagctgag tcgccacctc                                20
81 <210> SEQ ID NO: 8
82 <211> LENGTH: 20
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
87 <400> SEQUENCE: 8
88     gtagcccacg gagggatgca                                20
90 <210> SEQ ID NO: 9
91 <211> LENGTH: 20
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
96 <400> SEQUENCE: 9
97     gttacctctg ggatcccttc                                20
99 <210> SEQ ID NO: 10
100 <211> LENGTH: 20
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence

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103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
105 <400> SEQUENCE: 10
106     gaggtgacca atgcaataag                                20
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109 <211> LENGTH: 20
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
114 <400> SEQUENCE: 11
115     tgcgatgggtg tataacgtca                                20
117 <210> SEQ ID NO: 12
118 <211> LENGTH: 20
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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124     gcttggcagc gaaacactaa                                20
126 <210> SEQ ID NO: 13
127 <211> LENGTH: 20
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
132 <400> SEQUENCE: 13
133     ccataaccgcc tctgtgactt                                20
135 <210> SEQ ID NO: 14
136 <211> LENGTH: 20
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
141 <400> SEQUENCE: 14
142     acacgatgcc atgctggta                                20
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145 <211> LENGTH: 20
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
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150 <400> SEQUENCE: 15
151     ctgcgagaac agcagcctaa                                20
153 <210> SEQ ID NO: 16
154 <211> LENGTH: 20
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:

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158 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
159 <400> SEQUENCE: 16
160      aggggtctgct ggagaggtta                                20
162 <210> SEQ ID NO: 17
163 <211> LENGTH: 20
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
168 <400> SEQUENCE: 17
169      ggaaaaaacc ctcatcaatg                                20
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172 <211> LENGTH: 24
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
177 <400> SEQUENCE: 18
178      attcatgtgc agagaggagg cata                            24
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181 <211> LENGTH: 20
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
186 <400> SEQUENCE: 19
187      cgactagtgc gggacatccg                                20
189 <210> SEQ ID NO: 20
190 <211> LENGTH: 26
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
195 <400> SEQUENCE: 20
196      atggtaccgt acatattcct ctggtg                            26
198 <210> SEQ ID NO: 21
199 <211> LENGTH: 24
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
204 <400> SEQUENCE: 21
205      cgactagtgg cggctctgagg agac                            24
207 <210> SEQ ID NO: 22
208 <211> LENGTH: 23
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer

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213 <400> SEQUENCE: 22
214      atggtaccac gcacaggtca cgt
216 <210> SEQ ID NO: 23
217 <211> LENGTH: 20
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
222 <400> SEQUENCE: 23
223      caggggaagag agcagactga
225 <210> SEQ ID NO: 24
226 <211> LENGTH: 20
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
231 <400> SEQUENCE: 24
232      agctgatgca gctgatccag
234 <210> SEQ ID NO: 25
235 <211> LENGTH: 20
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
240 <400> SEQUENCE: 25
241      ctgctgctat ccatcagcgt
243 <210> SEQ ID NO: 26
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
249 <400> SEQUENCE: 26
250      aagaaggata agaggacagg
252 <210> SEQ ID NO: 27
253 <211> LENGTH: 1278
254 <212> TYPE: DNA
255 <213> ORGANISM: Gallus gallus
256 <220> FEATURE:
257 <221> NAME/KEY: CDS
258 <222> LOCATION: (1)..(1275)
259 <400> SEQUENCE: 27
260      atg gtc gaa atg ctg ctg ttg aca aga att ctc ttg gtg ggc ttc atc
261      Met Val Glu Met Leu Leu Leu Thr Arg Ile Leu Leu Val Gly Phe Ile
262      1              5              10              15
263      tgc gct ctt tta gtc tcc tct ggg ctg act tgt gga cca ggc agg ggc
264      Cys Ala Leu Leu Val Ser Ser Gly Leu Thr Cys Gly Pro Gly Arg Gly
265      20              25              30
266      att gga aaa agg agg cac ccc aaa aag ctg acc ccg tta gcc tat aag

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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : N:\Crf3\RULE60\10772090.raw
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:32; N Pos. 1387,1388,1389

Seq#:32; Xaa Pos. 463

Seq#:39; Xaa Pos. 463

Seq#:41; Xaa Pos. 7,8,9,12,13,14,17,19,22,27,29,30,31,33,40,41,44,45,46,48

Seq#:41; Xaa Pos. 53,54,71,79,83,84,85,87,95,100,107,114,115,116,125,134

Seq#:41; Xaa Pos. 135,139,141,157,158,160,162,166,167

Seq#:42; Xaa Pos. 7,9,44,85,93,98,112,132,137,139

VERIFICATION SUMMARY

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Input Set : N:\CrF3\RULE60\10772090.raw

Output Set: N:\CRF4\09172004\J772090.raw

L:691 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:694 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:1344
M:341 Repeated in SeqNo=32
L:1205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:448
L:1263 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1266 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1269 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1272 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1275 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1278 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1281 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1284 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1287 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1290 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1293 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1296 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1299 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1302 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1305 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1308 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1311 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1314 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1317 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1320 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
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L:1326 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1329 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1332 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1335 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1338 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1341 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1344 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1347 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1350 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1353 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
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L:1365 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1368 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1371 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1374 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1377 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1380 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1383 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1386 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1389 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41

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Input Set : N:\Crf3\RULE60\10772090.raw

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L:1392 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1395 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1398 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
M:341 Repeated in SeqNo=41
L:1429 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1432 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:42
L:1435 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:42
L:1438 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:42
L:1460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42